

Battery Box

High Voltage LFP Stackable Battery Box
4.99–29.9kWh



-20 °C

Operating Temperature,
Heating Module Inside

Built-in FSS

Built-in Aerosol Fire
Suppression System

Powered by



Compatible

- Supports optional intelligent heating module, providing a wider operating temperature range.

Convenient

- Integrated plug-in terminal, saving 75% installation time between modules.
- IP65, indoor or outdoor application.

Safe

- Four-layer protection design, including built-in fire suppression system.
- Long life cell, meeting the most stringent safety standards – UL9540A.

Scalable

- Max. 5 units in parallel, up to 149.76kWh capacity range.
- Adaptable to a wide range of applications, including commercial and industrial.

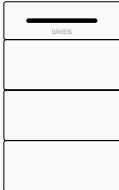
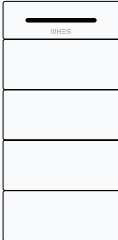
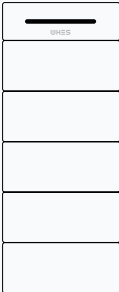
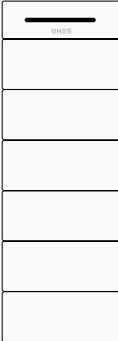
Contact Us

www.whes.com
info@whes.com



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Technical Specifications

Model	WH-BXC4992-1S	WH-BXC4992-2S	WH-BXC4992-3S	WH-BXC4992-4S	WH-BXC4992-5S	WH-BXC4992-6S
System Demo						
Battery Data						
Battery Type	LFP, 3.2 V / 52 Ah					
Battery PACK Configuration	1P*30S, 4.992 kWh					
Battery Capacity	4.992 kWh (4.992kWh * 1)	9.984 kWh (4.992kWh * 2)	14.976 kWh (4.992kWh * 3)	19.968 kWh (4.992kWh * 4)	24.96 kWh (4.992kWh * 5)	29.952 kWh (4.992kWh * 6)
Rated Battery Voltage / Voltage Range	96 V / 84...108 V	192 V / 168...216 V	288 V / 252...324 V	384 V / 336...432 V	480 V / 420...540 V	576 V / 504...648 V
Rated Charging/Discharging Current	26 / 26 A					
Max. Charging/Discharging Current	52 / 52 A					
General Data						
Dimensions (W*D*H)	600*350*575 mm	600*350*880 mm	600*350*1185 mm	600*350*1490 mm	600*350*1795 mm	600*350*2100 mm
Weight	69 kg	126 kg	183 kg	240 kg	297 kg	354 kg
Operating Temperature Range	-20°C...+55°C ¹					
Relative Humidity	0%...95%					
Altitude	≤3000 m					
Cooling	Natural Convection					
Ingress Protection	IP 65					
Display	LED / APP					
Firefighting	Aersol					
Communication	RS485 / CAN					
Installation	Floor-standing					
Standard ²	UN38.3, IEC62619, IEC61000, IEC63056, IEC62040					

¹ This is the operating temperature when the intelligent heating module is built-in, if not, the operating temperature is Charge: 0°C...50°C, Discharge: -20°C...+55°C.

² For all standards refer to the certificates category on the WHES website.

* The product features a shiny silver color design with a mirror-like logo, which exhibits subtle color variations under different lighting conditions.

* All information reflects the current state of technology at the time of printing and is subject to change. Despite careful editing, no liability is assumed.